

## Refine Search

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### Search Results -

Terms	Documents
L5 and L2	18

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L6






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### Search History

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DATE: Sunday, May 07, 2006    [Printable Copy](#)    [Create Case](#)

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*

L6	L5 and L2	18	<u>L6</u>
L5	L4 and ((specific) near (surface or (pore adj volume)))	314	<u>L5</u>
L4	L3 and (particle adj size)	675	<u>L4</u>
<u>L3</u>	(spherical and porous) near5 silica	1028	<u>L3</u>
L2	L1 and cosmet\$	26251	<u>L2</u>
L1	aqueous and emulsion	272366	<u>L1</u>

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 16:40:21 ON 07 MAY 2006)

FILE 'KOSMET, CAPLUS' ENTERED AT 16:40:30 ON 07 MAY 2006

L1	13842 S (SPHERICAL OR POROUS) (6A) SILICA
L2	248 S L1 AND COSMET?
L3	30 S L2 AND EMULSION
L4	30 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)
L5	30 FOCUS L4 1-
L6	14 S L2 AND ((SCREENING(W)AGENT) OR (SUNSCREEN))
L7	14 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

L5 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN

TI Water-resistant water-in-oil **emulsion cosmetics**  
containing hydrophobized **spherical silica**

AB The **cosmetics** contain liquid nonvolatile oils 1.0-20.0, hydrophobized spherical SiO<sub>2</sub> (average size 1-50  $\mu$ m) 0.1-30.0, volatile oils 1.0-50.0 weight%, and H<sub>2</sub>O. A water-in-oil **emulsion**-type sunscreen lotion containing decamethylcyclopentasiloxane 45.0, dimethyldistearylammonium hectorite 0.3, squalane 3.0, methylphenylpolysiloxane 2.0, polyoxyethylene-methylpolysiloxane copolymer 3.0, d- $\delta$ -tocopherol 0.1, dimethylpolysiloxane-treated TiO<sub>2</sub> 10.0, dimethylpolysiloxane-treated ZnO 5.0, dimethylpolysiloxane-treated spherical SiO<sub>2</sub> 1.0, Me p-hydroxybenzoate 0.3, 1,3-butylene glycol 5.0, glycerin 1.0, and H<sub>2</sub>O 24.3 weight% showed good water resistance and could be easily washed off from the skin by rubbing with soaps and towels.

ACCESSION NUMBER: 2002:591901 CAPLUS

DOCUMENT NUMBER: 137:145218

TITLE: Water-resistant water-in-oil **emulsion cosmetics** containing hydrophobized **spherical silica**

INVENTOR(S): Komai, Hideki; Tachibana, Hisashi

PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002220320	A2	20020809	JP 2001-16769	20010125
PRIORITY APPLN. INFO.:			JP 2001-16769	20010125

L5 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN

TI **Cosmetic aerosol porous silica** beads  
containing deodorant metal compound particles

AB **Cosmetic aerosol powders** contain **porous silica** beads, which contain 0.1-30 weight% fine particles (primary particle size 0.001-0.3  $\mu$ m) of deodorant metal compds. and do not practically contain void pores with particle size  $\geq 0.3 \mu$ m. The aerosols are stable and show good deodorizing effect, and the particles do not clog the nozzle. Fine particles of light MgO were dispersed in water glass, emulsified with a cyclohexane solution containing Span-60 and Tween-80, and the water-in-oil **emulsion** was poured into an aqueous (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> solution, stirred at room temperature for 1 h, centrifuged, and the collected particles were washed and dried to give silica beads. An aerosol containing the silica beads was formulated.

ACCESSION NUMBER: 1993:27282 CAPLUS

DOCUMENT NUMBER: 118:27282

TITLE: **Cosmetic aerosol porous silica** beads containing deodorant metal compound particles

INVENTOR(S): Osugi, Takao; Kikukawa, Masazumi

PATENT ASSIGNEE(S): Lion Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 04235121 A2 19920824 JP 1991-12806 19910109  
 JP 3035632 B2 20000424  
 PRIORITY APPLN. INFO.: JP 1991-12806 19910109

L5 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Solid water-in-oil type **cosmetic** emulsions comprising hydrophobically treated powder, **spherical silica**, and an oil  
 AB A solid water-in-oil type **emulsion cosmetic** composition having a fresh, superior skin feeling, and effectively correcting roughness of the skin while exhibiting long-lasting power, which contains a hydrophobically treated powder, **spherical silica**, an oil, and water, wherein a ratio by weight of the oil to the water (i.e. oil/water) is 0.5 to 10. A **cosmetic** stick contained decamethylcyclopentasiloxane 16.0, dodecamethylcyclohexasiloxane 8.0, alkyl dimethicone copolyol 3.0, solid paraffin 5.0, candelilla wax 1.0, carnauba wax 1.0, silicone-treated titanium oxide 15.0, silicone-treated iron oxide 3.0, **spherical silica** 10.0, lauroyl lysine powder 2.0, metal soap-treated talc 15.0, water 10.5, sodium hydroxymethoxybenzophenone sulfonate 3.0, glycerol 2.0, dipropylene glycol 5.0, and preservatives 0.5%.

ACCESSION NUMBER: 2000:665570 CAPLUS  
 DOCUMENT NUMBER: 133:242439  
 TITLE: Solid water-in-oil type **cosmetic** emulsions comprising hydrophobically treated powder, **spherical silica**, and an oil  
 INVENTOR(S): Daisuke, Aso; Akihito, Yokotsuka  
 PATENT ASSIGNEE(S): Shiseido Company Limited, Japan  
 SOURCE: Eur. Pat. Appl., 11 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1036553	A2	20000920	EP 2000-105666	20000317
EP 1036553	A3	20031210		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000327527	A2	20001128	JP 2000-74499	20000316
PRIORITY APPLN. INFO.:			JP 1999-74431	A 19990318

L5 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI **Cosmetic emulsion** compositions  
 AB **Cosmetic emulsion** comps. comprise 2-10 weight% straight-chain dimethylpolysiloxane having viscosity  $\leq 500$  cs at regular temperature and 0.1-3 weight% insol. spherical powders having average particle size 2-30  $\mu\text{m}$ . The preps. were nonsticky and gave soft and smooth feels. A moisturizing cream contained 1,3-butylene glycol 6.0, PEG 1500 4.0, POE cetyl ether 3.0, glycerin monostearate 2.0, cetyl alc. 3.0, solid paraffin 2.0, white petrolatum 5.0, squalane 10.0, butylparaben 0.2, dimethylpolysiloxane 10.0, perfumes 0.3, spherical poly(Me methacrylate) 3.0 and ion-exchanged water to 100 weight%.

ACCESSION NUMBER: 1997:669991 CAPLUS  
 DOCUMENT NUMBER: 127:311369  
 TITLE: **Cosmetic emulsion** compositions  
 INVENTOR(S): Takahashi, Atsushi  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent

LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09263530	A2	19971007	JP 1996-104354	19960329
PRIORITY APPLN. INFO.:			JP 1996-104354	19960329

L5 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN

TI **Cosmetic** and dermatologic sunscreen compositions comprising a synergistic combination of UV-filters and **spherical silica** compounds

AB The invention concerns **cosmetic** and dermatol. sunscreen comps. that include a synergistic combination of (a) sunscreens selected from the group of asym. substituted triazines, phenylene-1,4-bis(2-benzimidazol)-3,3'-5,5'-tetrasulfonic acid and its salts, and 2,2'-methylene bis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)]-phenol; (b) at least one filler selected from the group of **spherical silica** and its derivative Comps. are prepared for skin, hair and lip decoration. Thus a sunscreen **emulsion** contained (weight/weight): glyceryl stearate citrate 2.00; caprylic/capric triglyceride 0.50; cetearyl alc. 3.00; octyldodecanol 1.50; C18-36 acid triglyceride 1.50; bis-ethylhexyl oxyphenone 2.00; Bu methoxy dibenzoyl methane 2.00; ethylhexyl triazone 3.00; 4-methylbenzylidene camphor 2.00; octocrylene 5.00; diethylhexyl butamido triazone 1.00; phenylbenzimidazole sulfonic acid 2.00; benzophenone-3 3.00; homosalate 3.00; diethylhexyl 2,6-naphthalate 2.0; titanium dioxide MT-100Z 2.0; C12-15 alkyl benzoate 2.00; butylene glycol dicaprylate/dicaprate 5.00; carbomer 0.30; tocopheryl acetate 1.30; dicaprylyl ether 2.50; PVP/hexadecene copolymer 1.00; Xanthan gum 0.20; dimethicone 2.00; glycerin 5.00; distarch phosphate 2.00; Ronasphere LDP 2.00; methylparaben 0.60; trisodium EDTA 1.00; phenoxyethanol 0.15; perfume 0.20; water to 100.

ACCESSION NUMBER: 2003:988500 CAPLUS

DOCUMENT NUMBER: 140:31178

TITLE: **Cosmetic** and dermatologic sunscreen compositions comprising a synergistic combination of UV-filters and **spherical silica** compounds

INVENTOR(S): Lanzendoerfer, Ghita; Schulz, Jens; Kruse, Uta; Knueppel, Anja

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Eur. Pat. Appl., 33 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1371356	A2	20031217	EP 2003-7932	20030408
EP 1371356	A3	20040721		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10226349	A1	20031224	DE 2002-10226349	20020613
PRIORITY APPLN. INFO.:			DE 2002-10226349	A 20020613

L5 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN

TI **Emulsion** composition for skin application

AB An **emulsion** composition for skin application comprises an aqueous component, one or more water-insol. organic components totaling at least about 15 percent by weight of the composition, and about 2-10 % by weight of a solid

component consisting of **porous silica** microspheres having an average particle size between about 5-20  $\mu\text{m}$ . Sunscreen comps. were prepared containing Pemulen TR-2, avobenzone, octocrylene, silica microspheres, and many other excipients.

ACCESSION NUMBER: 2005:122601 CAPLUS  
DOCUMENT NUMBER: 142:204286  
TITLE: **Emulsion** composition for skin application  
INVENTOR(S): Karpov, Inna  
PATENT ASSIGNEE(S): Schering Plough Healthcare Products, Inc., USA  
SOURCE: U.S. Pat. Appl. Publ., 10 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2005031655	A1	20050210	US 2003-633985	20030804
CA 2534091	AA	20050224	CA 2004-2534091	20040803
WO 2005016303	A2	20050224	WO 2004-US25139	20040803
WO 2005016303	A3	20050506		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 2003-633985	A	20030804
WO 2004-US25139	W	20040803